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CLASSIFICATION SECRET SECURITY INFORMATION

CENTRAL INTELLIGENCE AGENCY

REPORT NO. [REDACTED]

## INFORMATION REPORT

CD NO.

COUNTRY East Germany

DATE DISTR. 12 October 1953

SUBJECT Conference at the Ministry of Transportation and  
Agricultural Machine Construction on Shipbuilding

NO. OF PAGES 3

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PLACE  
ACQUIRED [REDACTED]NO. OF ENCLS.  
(LISTED BELOW)

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DATE OF  
INFO [REDACTED]SUPPLEMENT TO [REDACTED]  
REPORT NO. [REDACTED]

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[REDACTED]

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[REDACTED]

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[REDACTED]

Other conferences attended:

Name

Witt (fnu)

Mrs Rosenfeld (fnu)

Lassig (fnu)

Engineer Proker (fnu) [REDACTED]

Stollberg (fnu) [REDACTED]

Quaidner (fnu)

Heise (fnu)

Gloth (fnu)

Garford (fnu)

[REDACTED] Agency [REDACTED]

Central Office for Research and Engineering,

[REDACTED]

Central Office for Research and Engineering,

[REDACTED]

Research and construction section of the

Ministry for Transport and Agriculture,

Machine construction.

Research and design section of the Ministry

for Transport and Agricultural Machine

Construction

Chief advisor to research and design section

of the Ministry for Transport and Agricultural

Machine Construction.

VFA Shipbuilding, project and design office

in Berlin-Koepenick.

VFA Shipbuilding, project and design office

in Berlin-Koepenick.

Head of the design office at VFA Shipbuilding

yard in Berlin.

Head of the design office at the VFA Shipyard

in Goizenburg on the Elbe River.

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| <u>Name</u>      | <u>Agency</u>  |
|------------------|--|
| Thaschner (fnu)  | Head of the development section at the Neptun Shipyard in Rostock.                     |
| Zentfeld (fnu)   | Neptun Shipyard in Rostock.  |
| Hofasch (fnu)    | Neptun Shipyard in Rostock.  |
| Kutibowsky (fnu) | Head of the design office at the Gehlsdorf Shipyard in Rostock.                        |
| Goffmann (fnu)   | Head of the research and development section at the Warnow shipyard in Warnemuende.    |
| Jackwitz (fnu)   | Head of the welding specialist's school at the Warnow Shipyard.                        |
| Sell (fnu)       | Head of the research and development section at the Mathias Thesen Shipyard in Wisner. |
| Reinicke (fnu)   | Head of the research and development section at the Rosslau/Elbe Shipyard.             |
| Schulz (fnu)     | Rosslau/Elbe Shipyard.   |
| Reel (fnu)       | State Shipyard in Rothensee.   |
| Waller (fnu)     | VEB Insulation and Refrigeration Engineering in Rostock.                               |
| Himmermann (fnu) | VEB Ship Assembly in Rostock.  |
| Sensbke (fnu)    | Head of the Ship Experimental Station in Berlin-Tiergarten.                            |

Also present were representatives of the Volkswerft (People's Shipyard) in Stralsund, the Peene Werft in Wolgast, and the VEB Schiffselektrik (Marine Electricity) in Rostock, whose names were not identified.

- Research orders dealt with at the conference included: research on torsion strength, paddle drive, the strength of ship bottoms in inland vessels for the Warnow Shipyard, preliminary studies for a 10,000-ton freighter No 4, a fish processing vessel, a fishery hospital ship (sic), a compilation of basic technical and economical coefficients, calculation figures for ship propellers, calculation figures for ship resistance, high voltage studies, the design of the 400-ton floating dock for the Project and Design Office in Berlin-Koenigsberg, the design of a 150-ton loading gear for the Warnemuende branch of the Project and Design Office in Berlin-Koenigsberg, plastics in shipbuilding, welding techniques in shipbuilding, impeller wheel propellers, and the design of an experimental vessel (pontoon) for the Warnow Shipyard in Warnemuende.

#### List of development orders:

| <u>Shipyard or Plant</u>                  | <u>Development Order</u>  |
|---|---|
| Mathias Thesen Werft (shipyard) in Wisner | Fireproof bulkheads<br>Use of plastics<br>2,000-ton training ship<br>Heavy-duty davits made of light metal<br>Ship ventilation. |

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| <u>Shipyard of Plant</u>              | <u>Development Order</u>   |
|---------------------------------------|--|
| Volkswerft Stralsund                  | Redesign of trawlers of the Fishing Combine.   |
| Werft Rosslau                         | Measurements of propellers;<br>Development of ship survey instruments;<br>Correction of ship surveying instruments<br>for the examination of suction dredgers;<br>Lighthouse tenders.  |
| Altbewerft Toizenburg                 | Design and construction of a refrigerator ship.  |
| Gehlsdorf Werft Rostock               | 26-meter, 18-meter and 12-meter fireboats  |
| Nachtwerft Berlin                     | Monocoque construction in boat building<br>Motor racing boat.<br>Ferry and general traffic boats.  |
| Staatswerft Rostensee                 | Bottom dump scow.  |
| Schiffsmontage Rostock                | Light weight furniture for use in ships.   |
| Isolier- und Kältetechnik,<br>Rostock | Development and use of new insulation<br>materials on the basis of diatherm and stender.   |
| Wegwerft, Rostock                     | Welding devices for shipbuilding.<br>Research on the most suitable incline of sailing<br>ways;<br>Enrolling of ship drawings, by optical tracing<br>methods developed by the Mathias Thesen Ship-<br>yard in Wismar (GDR).<br>Utilization of asbestos waste (asbestos spray-<br>ing); Removal of ship corrosion. |

1. A special committee, presided over by Kunze (fnu), discussed the use of plastics in shipbuilding on the occasion of the conference. Keil (fnu), head of the research and development section of the Mathias Thesen Shipyard in Wismar, officiated as shipbuilding expert. Subjects discussed included bearing linings, fireproof wall linings, cabin floors and deck coverings. Reference was made to Yudichev (fnu), Bershavits (fnu) and Usachov (fnu), who were present at tests by the special committee.

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☐ Comment. In late April 1953, the Shipbuilding Project and Design Office in Berlin-Koepenick, was ordered to design a 10,000-ton ore and coal carrier as expeditiously as possible. ☐

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